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Total Number of Pages: 01

B.Pharma.
PH.7.27th Semester Regular/Back Examination 2017-18

Pharmacology-III

BRANCH: B.Pharma

Time: 3 Hours

Max Marks: 70

Q. Code: B125

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

Q1. Answer the following Questions with one example for each. (2X10)

- Define Laxatives and Carminatives.
- What do you understand by Antacids and Anti-secretory?
- What do you mean by Anorectics and Anti-emetics?
- Discuss the terms Mucolytics and Astringents.
- Explain Endocrine and Exocrine Hormones.
- What are Antibacterials and Antibiotics?
- What are Bacteriostatic and Bacteriocidal agents?
- Explain the term 'Antimetabolites'.
- Explain the term 'Heavy metals'.
- What are Beta-lactum antibiotics?

Q2. a) Write about the mode of action of Macrolide antibiotics with examples. (5)

b) Mentioning the control of Thyroid hormones in our body, discuss about the inter-relation between Hypothalamus and Pituitary. (5)

Q3. a) Discuss about the mode of action of Tetracyclines and its drawback. (5)

b) Justify the use of Trimethoprim in Sulphonamide therapy. (5)

Q4. a) Define with examples – Poison, Drug-ADR and Drug-Side Effects. (5)

b) Write down the drug regime as per recommendation of WHO guidelines for Multi Drug Resistant Tuberculosis. (5)

Q5. a) Write a brief note on physiological manifestation and remedy for any two relevant Heavy Metal poisoning. (5)

b) Write a short note on the pharmacology of Vit – D. (5)

Q6. a) Mention about the clinically important adverse effects of Chloramphenicol and Aminoglycosides. (5)

b) Briefly highlight about the general principles for treatment against Barbiturate and Atropine poisoning. (5)

Q7. Write down with examples the Pharmacological classification of Anti-neoplastic drugs and Immunosuppressant agent. (10)

Q8. Attempt any TWO : (5X2)

- Write down the antimalarial action of Quinine along with its side effects.
- Write down the antifungal action of Amphotericin B and its drawback.
- How Acyclovir manages Herpes infection.